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- (71) Applicant (for all designated States except US): RUT-GERS, THE STATE UNIVERSITY [US/US]; Old Queens Building, Somerset and George Streets, New Brunswick, NJ 08903 (US).
- (71) Applicants and
- (72) Inventors: UHRICH, Kathryn, E. [US/US]; 1441 Evergreen Avenue, Plainfield, NJ 07060 (US). MOGHE, Prabhas [US/US]; 7 Huntington Road, Basking Ridge, NJ 07920 (US).
- (74) Agents: STEFFEY, Charles, E. et al.; P.O. Box 2938, Minneapolis, MN 55402 (US).

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(54) Title: AMPHIPHILIC STAR-LIKE OR SCORPION-LIKE MACROMOLECULES, VARIOUS COMPOSITIONS AND USES THEREOF

(57) Abstract: Biomedical uses of amphiphilic macromolecules include the use of such macromolecules in the form of nanoparticle formulations for the sequestration and/or removal of LDL, and for the treatment and prevention of atherosclerosis and atherosclerotic development. The invention also provides the use of amphiphilic macromolecule encapsulates for treating diseases including cancer and inflammation, as well as targeted amphiphilic macromolecules and their use in therapy.